

FLORIDA PUBLIC UTILITIES COMPANY
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007 - revised 10/26/2006

FERNANDINA BEACH (NORTHEAST DIVISION)

	(a) DOLLARS	(b) MWH	(c) CENTS/KWH
1 Fuel Cost of System Net Generation (E3)			
2 Nuclear Fuel Disposal Costs (E2)			
3 Coal Car Investment			
4 Adjustments to Fuel Cost			
5 TOTAL COST OF GENERATED POWER (LINE 1 THRU 4)	0	0	0.00000
6 Fuel Cost of Purchased Power (Exclusive of Economy) (E7)	8,741,883	489,467	1.78600
7 Energy Cost of Sched C & X Econ Purch (Broker) (E9)			
8 Energy Cost of Other Econ Purch (Non-Broker) (E9)			
9 Energy Cost of Sched E Economy Purch (E9)			
10 Demand & Non Fuel Cost of Purch Power (E2)	13,407,606	489,467	2.73923
10a Demand Costs of Purchased Power	6,799,800 *		
10b Non-fuel Energy & Customer Costs of Purchased Power	6,607,806 •		
11 Energy Payments to Qualifying Facilities (E8a)	54,263	2,998	1.80997
12 TOTAL COST OF PURCHASED POWER (LINE 6 THRU 11)	22,203,752	492,465	4.50870
13 TOTAL AVAILABLE KWH (LINE 5 + LINE 12)	22,203,752	492,465	4.50870
14 Fuel Cost of Economy Sales (E6)			
15 Gain on Economy Sales (E6)			
16 Fuel Cost of Unit Power Sales (SL2 Partpts) (E6)			
17 Fuel Cost of Other Power Sales			
18 TOTAL FUEL COST AND GAINS OF POWER SALES	0	0	0.00000
19 Net Inadvertent Interchange			
20 TOTAL FUEL & NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19)	22,203,752	492,465	4.50870
21 Net Unbilled Sales	0 *	0	0.00000
22 Company Use	22,814 *	506	0.00470
23 T & D Losses	291,127 *	6,457	0.05996
24 SYSTEM MWH SALES	22,203,752	485,502	4.57336
25 Wholesale MWH Sales			
26 Jurisdictional MWH Sales	22,203,752	485,502	4.57336
26a Jurisdictional Loss Multiplier	1.00000	1.00000	
27 Jurisdictional MWH Sales Adjusted for Line Losses	22,203,752	485,502	4.57336
27a GSLD1 MWH Sales		137,248	
27b Other Classes MWH Sales		348,254	
27c GSLD1 CP KW		159,300 *	
28 GPIF **			
29 TRUE-UP (OVER) UNDER RECOVERY **	892,682	485,502	0.18387
30 TOTAL JURISDICTIONAL FUEL COST	23,096,434	485,502	4.75723
30a Demand Purchased Power Costs (Line 10a)	6,799,800 •		
30b Non-demand Purchased Power Costs (Lines 6 + 10b + 11)	15,403,952 •		
30c True up Over/Under Recovery (Line 29)	892,682 *		

* For Informational Purposes Only

** Calculation Based on Jurisdictional KWH Sales

EXHIBIT NO. _____
DOCKET NO. 060001-EI
FLORIDA PUBLIC UTILITIES COMPANY
(CMM-3)
PAGE 7 OF 14 DOCUMENT NUMBER-DATE

09891 OCT 27 08

FPSC-COMMISSION CLERK

FLORIDA PUBLIC UTILITIES COMPANY
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007 - revised 10/26/2006

FERNANDINA BEACH (NORTHEAST DIVISION)

	(a)	(b)	(c)
	DOLLARS	MWH	CENTS/KWH
APPORIONMENT OF DEMAND COSTS			
31	Total Demand Costs (Line 30a)	6,799,800	
32	GSLD1 Portion of Demand Costs (Line 30a) Including Line Losses(Line 27c x \$7.21)	1,148,553	159,300 (KW) \$7.21 /KW
33	Balance to Other Classes	5,651,247	348,254 1.62274
APPORIONMENT OF NON-DEMAND COSTS			
34	Total Non-demand Costs(Line 30b)	15,403,952	
35	Total KWH Purchased (Line 12)		492,465
36	Average Cost per KWH Purchased		3.12793
37	Average Cost Adjusted for Line Losses (Line 36 x 1.03)		3.22309
38	GSLD1 Non-demand Costs (Line 27a x Line 37)	4,423,628	137,248 3.22309
39	Balance to Other Classes	10,980,324	348,254 3.15296
GSLD1 PURCHASED POWER COST RECOVERY FACTORS			
40a	Total GSLD1 Demand Costs (Line 32)	1,148,553	159,300 (KW) \$7.21 /KW
40b	Revenue Tax Factor		1.00072
40c	GSLD1 Demand Purchased Power Factor Adjusted for Taxes & Rounded		\$7.22 /KW
40d	Total Current GSLD1 Non-demand Costs(Line 38)	4,423,628	137,248 3.22309
40e	Total Non-demand Costs Including True-up	4,423,628	137,248 3.22309
40f	Revenue Tax Factor		1.00072
40g	GSLD1 Non-demand Costs Adjusted for Taxes & Rounded		3.22541
OTHER CLASSES PURCHASED POWER COST RECOVERY FACTORS			
41a	Total Demand & Non-demand Purchased Power Costs of Other Classes(Line 33 + 39)	16,631,571	348,254 4.77570
41b	Less: Total Demand Cost Recovery	5,651,247 ***	
41c	Total Other Costs to be Recovered	10,980,324	348,254 3.15296
41d	Other Classes' Portion of True-up (Line 30c)	892,682	348,254 0.25633
41e	Total Demand & Non-demand Costs Including True-up	11,873,006	348,254 3.40929
42	Revenue Tax Factor		1.00072
43	Other Classes Purchased Power Factor Adjusted for Taxes & Rounded		3.412

* For Informational Purposes Only

** Calculation Based on Jurisdictional KWH Sales

*** Calculation on Schedule E1 Page 3

EXHIBIT NO. _____
DOCKET NO. 060001-EI
FLORIDA PUBLIC UTILITIES COMPANY
(CMM-3)
PAGE 8 OF 14

FLORIDA PUBLIC UTILITIES COMPANY
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007 - revised 10/26/2006

FERNANDINA BEACH (NORTHEAST DIVISION)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			(1)/(2)*4,380			(3)*(4)	(1)*(5)	(6)/Total Col. (6)	(7)/Total Col. (7)
Rate Schedule	KWH Sales	12 CP Load Factor	CP KW At Meter	Demand Loss Factor	Energy Loss Factor	CP KW At GEN.	KWH At GEN.	12 CP Demand Percentage	Energy Percentage
44 RS	200,164,500	61.793%	73,956.0	1.089	1.030	80,538.1	206,169,435	62.63%	57.48%
45 GS	30,339,200	66.413%	10,429.8	1.089	1.030	11,358.1	31,249,376	8.83%	8.71%
46 GSD	86,378,000	79.105%	24,930.2	1.089	1.030	27,149.0	88,969,340	21.11%	24.80%
47 GSLD	29,330,000	76.791%	8,720.2	1.089	1.030	9,496.3	30,209,900	7.38%	8.42%
48 OL	1,248,900	696.444%	40.9	1.089	1.030	44.5	1,286,367	0.03%	0.36%
49 SL	792,000	696.444%	26.0	1.089	1.030	28.3	815,760	0.02%	0.23%
TOTAL	348,252,600		118,103.1			128,614.3	358,700,178	100.00%	100.00%

	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	12/13 * (8)	1/13 * (9)	(10) + (11) Demand Allocation Percentage	Tot. Col. 13 * (12) Demand Dollars	(13)/(1) Demand Cost Recovery	(14) * 1.00072 Demand Cost Recovery Adj for Taxes	Other Charges	(15) + (16) Levelized Adjustment
Rate Schedule	12/13 Of 12 CP	1/13 Of Energy						
50 RS	57.81%	4.42%	62.23%	\$3,516,771	0.01757	0.01758	0.03412	0.05170
51 GS	8.15%	0.67%	8.82%	498,440	0.01643	0.01644	0.03412	0.05056
52 GSD	19.48%	1.91%	21.39%	1,208,802	0.01399	0.01400	0.03412	0.04812
53 GSLD	6.81%	0.65%	7.46%	421,583	0.01437	0.01438	0.03412	0.04850
54 OL	0.03%	0.03%	0.06%	3,391	0.00272	0.00272	0.03412	0.03684
55 SL	0.02%	0.02%	0.04%	2,260	0.00285	0.00285	0.03412	0.03697
TOTAL	92.30%	7.70%	100.00%	\$5,651,247				

(2) From Florida Power & Light Co. 2003 Load Research results.
(4) From Fernandina Beach Rate Case 881056-EI.

FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF TRUE-UP SURCHARGE
APPLICABLE TO LEVELIZED FUEL ADJUSTMENT PERIOD
JANUARY 2006 - DECEMBER 2006
BASED ON SIX MONTHS ACTUAL AND SIX MONTHS ESTIMATED OPERATIONS

FERNANDINA BEACH (NORTHEAST DIVISION)

Under-recovery of purchased power costs for the period January 2006 - December 2006. (See Schedule E1-B, Calculation of Estimated Purchased Power Costs and Calculation of True- Up and Interest Provision for the Twelve Month Period ended December 2006.)(Estimated)	\$ (892,682)
Estimated kilowatt hour sales for the months of January 2007 - December 2007 as per estimate filed with the Commission. (Excludes GSLD1 customers)	348,252,600
Cents per kilowatt hour necessary to collect under-recovered purchased power costs over the period January 2007 - December 2007	-0.25633

FLORIDA PUBLIC UTILITIES COMPANY
FERNANDINA BEACH (NORTHEAST DIVISION)
FUEL & PURCHASED POWER COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007 - revised 10/26/2006

LINE NO.		(a)	(b)	(c)	(d)	(e)	(f)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	LINE NO.
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL PERIOD	
1	FUEL COST OF SYSTEM GENERATION													0	1
1a	NUCLEAR FUEL DISPOSAL													0	1a
2	FUEL COST OF POWER SOLD													0	2
3	FUEL COST OF PURCHASED POWER	690,218	657,007	620,776	563,803	702,398	863,456	849,327	883,290	843,349	735,653	637,959	694,647	8,741,883	3
3a	DEMAND & NON FUEL COST OF PUR POWER	1,125,121	1,071,318	949,432	860,867	1,135,728	1,303,668	1,306,988	1,346,660	1,183,470	1,060,065	1,000,220	1,064,069	13,407,606	3a
3b	QUALIFYING FACILITIES	3,005	4,254	2,824	6,259	2,427	5,548	6,645	4,252	4,909	4,451	3,432	6,257	54,263	3b
4	ENERGY COST OF ECONOMY PURCHASES													0	4
5	TOTAL FUEL & NET POWER TRANSACTIONS (SUM OF LINES A-1 THRU A-4)	1,818,344	1,732,579	1,573,032	1,430,929	1,840,553	2,172,672	2,162,960	2,234,202	2,031,728	1,800,169	1,641,611	1,764,973	22,203,752	5
5a	LESS: TOTAL DEMAND COST RECOVERY	537,068	338,933	343,931	344,575	532,700	575,295	598,668	594,643	476,784	418,922	381,010	508,718	5,651,247	5a
5b	TOTAL OTHER COST TO BE RECOVERED	1,281,276	1,393,646	1,229,101	1,086,354	1,307,853	1,597,377	1,564,292	1,639,559	1,554,944	1,381,247	1,260,601	1,256,255	16,552,505	5b
6	APPORTIONMENT TO GSLD1 CLASS	403,203	829,021	576,293	449,614	514,203	437,157	325,590	409,285	417,576	433,744	494,565	281,931	5,572,181	6
6a	BALANCE TO OTHER CLASSES	878,073	564,625	652,808	636,740	793,650	1,160,220	1,238,702	1,230,274	1,137,368	947,503	766,036	974,324	10,980,324	6a
6b	SYSTEM KWH SOLD (MWH)	39,499	46,378	38,933	35,452	38,919	42,033	43,235	44,432	45,320	41,219	37,046	33,036	485,502	6b
7	GSLD1 MWH SOLD	10,446	18,408	13,646	11,176	13,702	11,216	8,046	10,076	10,806	10,818	11,092	7,816	137,248	7
7a	BALANCE MWH SOLD OTHER CLASSES	29,053	27,970	25,287	24,276	25,217	30,817	35,189	34,356	34,514	30,401	25,954	25,220	348,254	7a
7b	COST PER KWH SOLD (CENTS/KWH) APPLICABLE TO OTHER CLASSES	3.02231	2.01868	2.58159	2.62292	3.14728	3.76487	3.52014	3.58096	3.29538	3.11668	2.95152	3.8633	3.15296	7b
8	JURISDICTIONAL LOSS MULTIPLIER	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	8
9	JURISDICTIONAL COST (CENTS/KWH)	3.02231	2.01868	2.58159	2.62292	3.14728	3.76487	3.52014	3.58096	3.29538	3.11668	2.95152	3.86330	3.15296	9
10	GPIF (CENTS/KWH)														10
11	TRUE-UP (CENTS/KWH)	892,682	0.25633	0.25633	0.25633	0.25633	0.25633	0.25633	0.25633	0.25633	0.25633	0.25633	0.25633	0.25633	11
12	TOTAL	3.27864	2.27501	2.83792	2.87925	3.40361	4.02120	3.77647	3.83729	3.55171	3.37301	3.20785	4.11963	3.40929	12
13	REVENUE TAX FACTOR	0.00072	0.00236	0.00164	0.00204	0.00207	0.00245	0.00290	0.00272	0.00276	0.00256	0.00243	0.00231	0.00297	13
14	RECOVERY FACTOR ADJUSTED FOR TAXES	3.28100	2.27665	2.83996	2.88132	3.40606	4.02410	3.77919	3.84005	3.55427	3.37544	3.21016	4.12260	3.41174	14
15	RECOVERY FACTOR ROUNDED TO NEAREST .001 CENT/KWH	3.281	2.277	2.84	2.881	3.406	4.024	3.779	3.84	3.554	3.375	3.21	4.123	3.412	15

EXHIBIT NO. _____
DOCKET NO. 060001-EI
FLORIDA PUBLIC UTILITIES COMPANY
(CMM-3)
PAGE 11 OF 14

**FLORIDA PUBLIC UTILITIES COMPANY
 FERNANDINA BEACH (NORTHEAST DIVISION)
 PURCHASED POWER
 (EXCLUSIVE OF ECONOMY ENERGY PURCHASES)**

ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007 - revised 10/26/2006

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL KWH PURCHASED	(5) KWH FOR OTHER UTILITIES	(6) KWH FOR INTERRUPTIBLE	(7) KWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJ. (7) x (8) (A)
							(A) FUEL COST	(B) TOTAL COST	
JANUARY 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	38,646,000			38,646,000	1.786001	4.697353	690,218
FEBRUARY 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	36,786,500			36,786,500	1.786000	4.698259	657,007
MARCH 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	34,757,900			34,757,900	1.786000	4.517557	620,776
APRIL 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	31,567,900			31,567,900	1.786001	4.513034	563,803
MAY 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	39,328,000			39,328,000	1.786000	4.673835	702,398
JUNE 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	48,345,800			48,345,800	1.786000	4.482549	863,456
JULY 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	47,554,700			47,554,700	1.786000	4.534389	849,327
AUGUST 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	49,456,300			49,456,300	1.786001	4.508930	883,290
SEPTEMBER 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	47,220,000			47,220,000	1.786000	4.292289	843,349
OCTOBER 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	41,190,000			41,190,000	1.785999	4.359597	735,653
NOVEMBER 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	35,720,000			35,720,000	1.785999	4.586167	637,959
DECEMBER 2007	JACKSONVILLE ELECTRIC AUTHORITY	MS	38,894,000			38,894,000	1.786000	4.521818	694,647
TOTAL			489,467,100	0	0	489,467,100	1.786000	4.525225	8,741,883

**FLORIDA PUBLIC UTILITIES COMPANY
 FERNANDINA BEACH (NORTHEAST DIVISION)
 PURCHASED POWER
 ENERGY PAYMENT TO QUALIFYING FACILITIES**

ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007 - revised 10/26/2006

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL KWH PURCHASED	(5) KWH FOR OTHER UTILITIES	(6) KWH FOR INTERRUPTIBLE	(7) KWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJ. (7) x (8) (A)
							(A) FUEL COST	(B) TOTAL COST	
JANUARY 2007	JEFFERSON SMURFIT CORPORATION		166,000			166,000	1.810241	1.810241	3,005
FEBRUARY 2007	JEFFERSON SMURFIT CORPORATION		235,000			235,000	1.810213	1.810213	4,254
MARCH 2007	JEFFERSON SMURFIT CORPORATION		156,000			156,000	1.810256	1.810256	2,824
APRIL 2007	JEFFERSON SMURFIT CORPORATION		345,800			345,800	1.810006	1.810006	6,259
MAY 2007	JEFFERSON SMURFIT CORPORATION		134,100			134,100	1.809843	1.809843	2,427
JUNE 2007	JEFFERSON SMURFIT CORPORATION		306,500			306,500	1.810114	1.810114	5,548
JULY 2007	JEFFERSON SMURFIT CORPORATION		367,100			367,100	1.810133	1.810133	6,645
AUGUST 2007	JEFFERSON SMURFIT CORPORATION		234,900			234,900	1.810132	1.810132	4,252
SEPTEMBER 2007	JEFFERSON SMURFIT CORPORATION		271,200			271,200	1.810103	1.810103	4,909
OCTOBER 2007	JEFFERSON SMURFIT CORPORATION		245,900			245,900	1.810085	1.810085	4,451
NOVEMBER 2007	JEFFERSON SMURFIT CORPORATION		189,600			189,600	1.810127	1.810127	3,432
DECEMBER 2007	JEFFERSON SMURFIT CORPORATION		345,700			345,700	1.809951	1.809951	6,257
TOTAL			2,997,800	0	0	2,997,800	1.810094	1.810094	54,263

EXHIBIT NO. _____
 DOCKET NO. 060001-EI
 FLORIDA PUBLIC UTILITIES COMPANY
 (CMM-3)
 PAGE 13 OF 14

**FLORIDA PUBLIC UTILITIES COMPANY
 FERNANDINA BEACH (NORTHEAST DIVISION)
 RESIDENTIAL BILL COMPARISON**

ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007 - revised 10/26/2006

JANUARY 2007	FEBRUARY 2007	MARCH 2007	APRIL 2007	MAY 2007	JUNE 2007	JULY 2007
-----------------	------------------	---------------	---------------	-------------	--------------	--------------

BASE RATE REVENUES ** \$	24.19	24.19	24.19	24.19	24.19	24.19	24.19
FUEL RECOVERY FACTOR CENTS/KWH	5.17	5.17	5.17	5.17	5.17	5.17	5.17
GROUP LOSS MULTIPLIER	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
FUEL RECOVERY REVENUES \$	51.70	51.70	51.70	51.70	51.70	51.70	51.70
GROSS RECEIPTS TAX	1.95	1.95	1.95	1.95	1.95	1.95	1.95
TOTAL REVENUES *** \$	77.84	77.84	77.84	77.84	77.84	77.84	77.84

AUGUST 2007	SEPTEMBER 2007	OCTOBER 2007	NOVEMBER 2007	DECEMBER 2007
----------------	-------------------	-----------------	------------------	------------------

PERIOD TOTAL

BASE RATE REVENUES ** \$	24.19	24.19	24.19	24.19	24.19	290.28
FUEL RECOVERY FACTOR CENTS/KWH	5.17	5.17	5.17	5.17	5.17	
GROUP LOSS MULTIPLIER	1.00000	1.00000	1.00000	1.00000	1.00000	
FUEL RECOVERY REVENUES \$	51.70	51.70	51.70	51.70	51.70	620.40
GROSS RECEIPTS TAX	1.95	1.95	1.95	1.95	1.95	23.40
TOTAL REVENUES *** \$	77.84	77.84	77.84	77.84	77.84	934.08

* MONTHLY AND CUMULATIVE TWELVE MONTH ESTIMATED DATA

** BASE RATE REVENUES PER 1000 KWH:

CUSTOMER CHARGE	10.00
CENTS/KWH	13.73
CONSERVATION FACTOR	0.460

24.19

EXHIBIT NO. _____

DOCKET NO. 060001-EI

FLORIDA PUBLIC UTILITIES COMPANY

(CMM-3)

PAGE 14 OF 14

*** EXCLUDES FRANCHISE TAXES